

CLAIM AMENDMENTS

1 - 35. (canceled)

1           36. (new) An insect trap comprising:  
2           a generally hollow body having a foraminous wall region  
3 of a predetermined area;  
4           means including a fan in the body for expelling air  
5 through the region in a weak stream; and  
6           means on the body for holding insects attracted by the  
7 weak stream.

1           37. (new) The insect trap defined in claim 36 wherein  
2 the fan displaces the air stream through the region at a speed  
3 between 2 cm/sec and 100 cm/sec.

1           38. (new) The insect trap defined in claim 37 wherein  
2 the speed is between 3 cm/sec and 50 cm/sec.

1           39. (new) The insect trap defined in claim 37 wherein  
2 the speed is between 5 cm/sec and 20 cm/sec.

1           40. (new) The insect trap defined in claim 36 wherein  
2 the body is formed with a passage having an opening adjacent the  
3 region and of a cross-sectional size equal to substantially less  
4 than the predetermined area, the fan having an intake connected  
5 only to the passage and an output connected only to the foraminous  
6 region, whereby air is sucked into the passage at an intake speed  
7 much greater than a speed at which air is expelled through the  
8 foraminous region.

1           41. (new) The insect trap defined in claim 40 wherein a  
2 flow speed in the intake passage is at least 1 m/sec.

1           42. (new) The insect trap defined in claim 41 wherein  
2 the flow speed in the intake passage is at least 2 m/sec.

1           43. (new) The insect trap defined in claim 40 wherein a  
2 flow speed in the intake passage is at least about ten times  
3 greater than a flow speed of the weak current through the  
4 foraminous region.

1           44. (new) The insect trap defined in claim 36 wherein  
2 the foraminous region is a mesh.

1           45. (new) The insect trap defined in claim 36 wherein  
2 the foraminous region is a generally horizontal upper surface of an  
3 upper end of the body.

1           46. (new) The insect trap defined in claim 45 wherein  
2 the body is centered on an upright axis.

1           47. (new) The insect trap defined in claim 46 wherein  
2 the body is formed with a passage having an opening upwardly  
3 centrally the region and of a cross-sectional size equal to  
4 substantially less than the predetermined area, the fan having an  
5 intake connected only to the passage and an output connected only  
6 to the foraminous region, whereby air is sucked into the passage at  
7 an intake speed much greater than a speed at which air is expelled  
8 through the foraminous region.

1           48. (new) The insect trap defined in claim 47 wherein  
2 the body has a substantially closed floor underneath the fan and  
3 substantially closed side walls extending axially between the floor  
4 and the upper end of the body.

1           49. (new) The insect trap defined in claim 48 wherein  
2 the side walls form an upright tubular cylinder centered on the  
3 axis.

1           50. (new) The insect trap defined in claim 48, further  
2 comprising  
3 a screen in the passage upstream of the fan intake.

1           51. (new) The insect trap defined in claim 48, further  
2 comprising  
3 means in the body for emitting an attractant to be  
4 carried by the air stream through the region out of the body.

1           52. (new) The insect trap defined in claim 51 wherein  
2 the means for emitting includes a plurality of separate vessels  
3 each hold a respective component of the attractant.

1           53. (new) The insect trap defined in claim 47 wherein  
2 the foraminous region is light colored and the passage has an inner  
3 surface with a dark coating.

1           54. (new) The insect trap defined in claim 46 wherein  
2 the body is formed with a passage having an opening upwardly  
3 annularly around the region and of a cross-sectional size equal to  
4 substantially less than the predetermined area, the fan having an  
5 intake connected only to the passage and an output connected only  
6 to the foraminous region, whereby air is sucked into the passage at  
7 an intake speed much greater than a speed at which air is expelled  
8 through the foraminous region.

1                   55. (new) The insect trap defined in claim 46, further  
2   comprising  
3                   a cover suspended spacedly above the body and oriented to  
4   shield the body from above.